

Title (en)
T CELL RECEPTORS AND METHODS OF USE THEREOF

Title (de)
T-ZELLREZEPTOREN UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
RÉCEPTEURS DE LYMPHOCYTES T ET LEURS PROCÉDÉS D'UTILISATION

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Application
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Priority

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Abstract (en)
[origin: WO2020194195A1] The present disclosure is directed recombinant T cell receptors capable of binding a tyrosinase epitope, a MAGA-A1 epitope, a MART1 epitope, a MAGE-A3 epitope, or an SSX2 epitope and nucleic acid molecules encoding the same. In some embodiments, the nucleic acid molecules further comprise a second nucleotide sequence, wherein the second nucleotide sequence or the polypeptide encoded by the second nucleotide sequence inhibits the expression of an endogenous TCR. Other aspects of the disclosure are directed to vectors comprising the nucleic acid molecule and cells comprising the recombinant TCR, the nucleic acid molecule, or the vector. Still other aspects of the disclosure are directed to methods of using the same. In some embodiments, the methods comprise treating a cancer in a subject in need thereof.

IPC 8 full level
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